

UIC Health Breakout Session

What from the presentations in this Breakout Session is relevant to the Requirements Gathering process?

A lot. This needs to be captured from the presentations.

What other Tasks does the UIC Health SBA want to engage? Even though the documents may show no lead or little activity, there is a lot going on. Please send a few sentences of information to the UIC Co-chairs where this is happening so they can report this to the Secretariat and the GEO. HE-07-03 is an example and will be addressed.

Who from UIC is interested in engaging with the CEOS effort?

Here is an example:

WMO Sand & Dust Storm Warning System -- need a point-of-contact from WMO to be part of the "Health Team" for the Gathering process. Also a Chinese point-of-contact since they are a major part of the WMO effort.

If Members of this Breakout Session will send the names and contact information for individuals who should be contacted, the Co-chairs and Secretariat will try to contact them.

There needs to be three Advisory Groups under the Health SBA

1. Air and Health
2. Waterborne disease
3. Vector-borne disease

This Breakout Session can only address the first of these Advisory Groups.

The Advisory Groups for the Health SBA needs to engage a broad spectrum of users, especially from the health community.

There are many efforts all over the Globe that are trying to improve the amount and quality of AQ observations. These efforts need to be

"registered" as "applications".

There are many reports that are available, from IGACO and other programs, that look at user requirements for AQ & H from different perspectives. These reports will allow the "Analyst" to identify "applications", "quantities", and "techniques" and capture them in the registries.

The Gathering process should do more than produce lists. There needs to be analysis to identify synergies and also priority setting for the user requirements.

The CEOS effort to produce a virtual constellation for atmospheric composition (ACC) has three short-term projects:

1. **Instruments in constellation provide a 4-D perspective of the atmosphere,** which can enhance troposphere and the BL. Data will be used for inventory improvements and AQ forecasts. Diurnal variations of NO₂ will demonstrate this capability
2. **Aviation alert and control for volcanic eruptions.** ESA and NASA support development of SO₂ and ash products from Envisat and Aura covering the Pacific Rim, Europe, and Africa for distribution to VAACS through the meteorological service to the ICAO. ACC proposes to support combined services resulting in more timely data and global coverage.
3. **Global fire and aerosol data products for forecasts and assessment.** Use the IDEA (Infusion of Satellite Data for Environmental Applications) project which is now operational <http://idea.ssec.wisc.edu/>. **Extending the capability of developing fire, aerosol, and subsequent forecast products for global operational purposes.**

These are opportunities for UIC to be engaged. There is also a need to engage people in the GEO Capacity Building Committee. The UIC will work with CEOS and CBC to set up a conference call on ACC, users and capacity building.

The UIC and CEOS can jointly do a call for participation via the GEO Secretariat to add users to one or more of these three short-term projects.